License and Registration Manager
User Manual

Introduction

When a customer buys a software from the company who developed it, a trial period at initial is given and when the customer buys the license it runs for a specific period of the time and then it expires. To illegally use this software more than its validity or without license different software's like keygen are used to create the password to renew the license or else date time or hidden files are abused to avoid expiration.

Hence this system is developed for such software companies to license their product and expire it on time while tracking correct time offline.

Project Interfaces
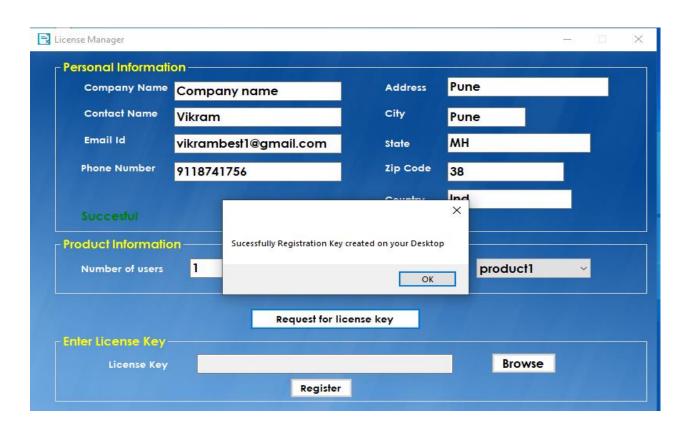
This project consists of three important components:

1. **Code integrated in user Application:** This code is responsible to check expiry validation and expire the software. On the first run or after expiration it will launch License Manager interface.

2. **License Manager interface:** In this interface customer have to enter all personal details and a Registration file (.key) will be generated.

3. **Registration Manager interface:** In this interface software admin will browse and enter the *Registration.key* file and a license file (.lic) will be generated.
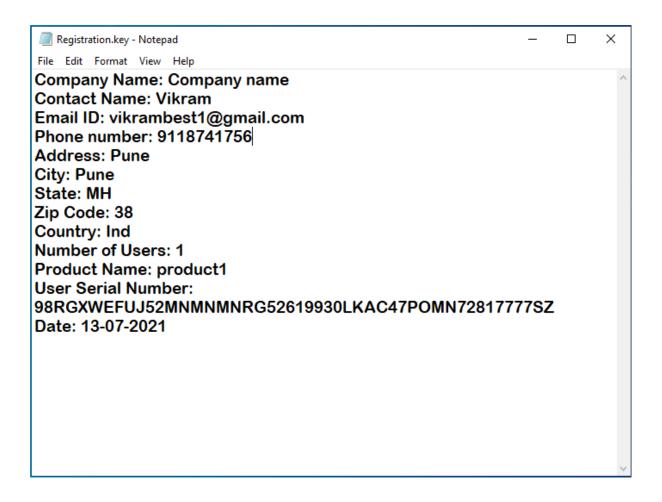
How to use?

- ## Step 1: Demo Application first run
  Assume a dummy application is installed first time and running. So, at first run License Manager panel will open.

- ## Step 2: Use License Manager to generate Registration key.
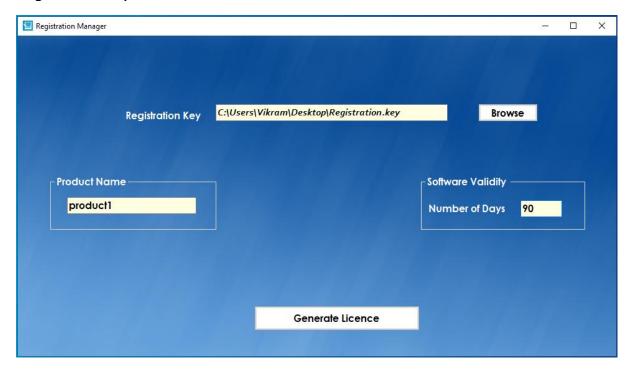 1. In this panel customer will have to fill up all valid details and click on "Request for license key".

2. A *Registration.key* file will be generated. It will contain a user serial key number
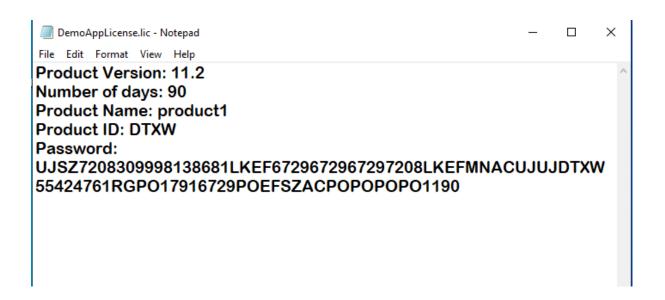
```
Registration.key - Notepad                               —   □   ✕
File  Edit  Format  View  Help
Company Name: Company name
Contact Name: Vikram
Email ID: vikrambest1@gmail.com
Phone number: 9118741756
Address: Pune
City: Pune
State: MH
Zip Code: 38
Country: Ind
Number of Users: 1
Product Name: product1
User Serial Number:
98RGXWEFUJ52MNMNMNRG52619930LKAC47POMN72817777SZ
Date: 13-07-2021
```

3. User will send this file to the Software Administrator.
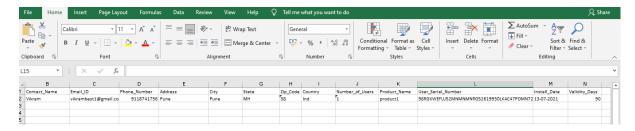
- ## Step 3: Registration Manager

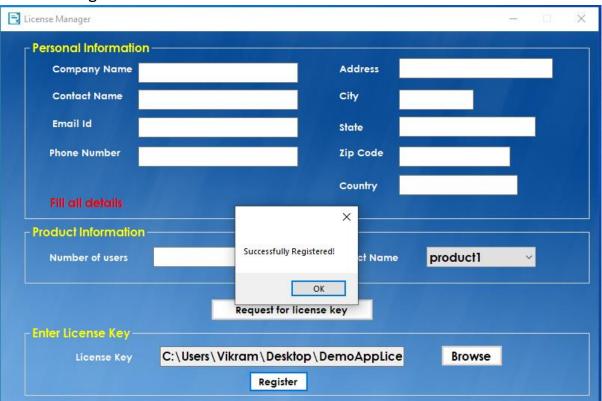1. Administrator will launch the Registration Manager and will browse the *Registraion.key* file.

2. Admin will have to enter Validity Days and click on "Generate License" button.
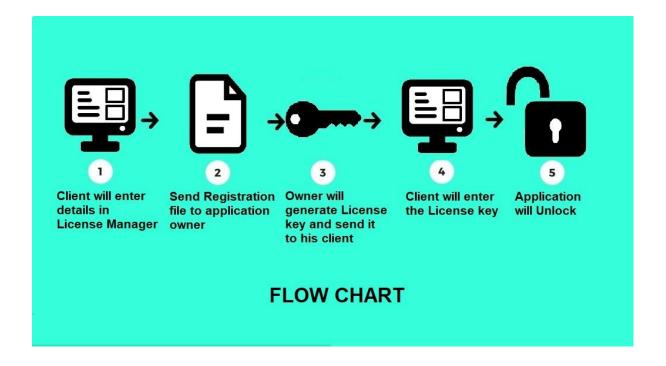

3. *License.lic* file will be created like this.

4. Registration Manager will read the data from *Registration.key* file and it will store that data in Excel sheet Database.

5. Admin will send this *License.lic* file to his customer.

- ## Step 4: Give License file input to License Manager

  1. Customer will open License Manager and browse *License.lic* file and click on "Register" button.

  2. After validating the license file if it is correct, it will successfully register the user license.

Workflow

FLOW CHART

1	2	3	4	5
Client will enter details in License Manager	Send Registration file to application owner	Owner will generate License key and send it to his client	Client will enter the License key	Application will Unlock

Installation and Requirements

1. Access Database Engine plugin will be needed to be installed at Admin end for Registration Manager.

2. .NET framework higher than 3.0 will be required and Windows system.